

392925118482001 Local number 101 N19 E28 23DCCA1

Basin and Range basin-fill aquifers

Churchill County, NV

LOCATION.--Lat 39°29'25.53", long 118°48'22.91" referenced to North American Datum of 1927, in SW ¼ SW ¼ SE ¼ sec.23, T.19 N., R.28 E., Churchill County, Hydrologic Unit 16050203.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 30 ft. Upper casing diameter 8 in; top of first opening undefined, bottom of last opening undefined.

WELL USE.--Withdrawal well.

DATUM.--Land-surface datum is 3975 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.9 ft above land-surface datum.

COOPERATION.--Churchill County

REMARKS.--In the Fallon area, basin-fill aquifers have been defined as the shallow aquifer from the water table to depths of 50 ft below land surface, and as the intermediate aquifer from depths of 50 ft to about 500 ft below land surface by Glancy, P.A., 1986, Geohydrology of the basalt and unconsolidated sedimentary aquifers in the Fallon area, Churchill County, Nevada: U.S. Geological Survey Water Supply Paper 2263.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

[Measurement method: T, electric tape. Water-level status: - - , static.]

Date	Water level	Measurement method	Water level status
Oct 18, 2004	14.58	T	--
Nov 16	14.37	T	--
Dec 28	15.00	T	--
Jan 20, 2005	15.16	T	--
Feb 23	15.27	T	--
Mar 23	15.33	T	--
Apr 18	15.11	T	--
May 12	15.01	T	--
Jun 16	14.53	T	--
Jul 13	14.17	T	--
Aug 11	13.91	T	--

Highest: 13.91 Aug 11, 2005

Lowest: 15.33 Mar 23, 2005